RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/857,097G

Source: PCT

Date Processed by STIC: 1-22-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
> http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   > Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

ERROR DETECTED   **SUGGESTED CORRECTION**   SERIAL NUMBER: _09/857,097B_

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1_____Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
      Wrapped Aminos was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will
      prevent "wrapping."

2_____Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3_____Misaligned Amino The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers;
      Numbering use space characters, instead.

4_____Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please
      ensure your subsequent submission is saved in ASCII text.

5_____Variable Length Sequence(s)_____contain n's or Xaa's representing more than one residue. Per Sequence Rules,
      each n or Xaa can only represent a single residue. Please present the maximum number of each
      residue having variable length and indicate in the <220>-<223> section that some may be missing.

6_____PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
      "bug" sequences(s) _____. Normally, PatentIn would automatically generate this section from the
      previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
      the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for
      Artificial or Unknown sequences.

7_____Skipped Sequences Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
      (OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
      (i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
      (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
      This sequence is intentionally skipped

      Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8_____Skipped Sequences Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
      (NEW RULES) <210> sequence id number
      <400> sequence id number
      000

9_____Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
      (NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
      In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10_____Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial *anything*, or
      Response scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or
      contains Artificial.

11_____Use of <220> Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
      Use of <220> to <223> is MANDATORY if <213> "Organism" response contains the word "Artificial" or
      "Unknown." Please explain source of genetic material in <220> to <223> section, i.e., why you chose Artificial or
      Unknown. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12_____PatentIn Please do not use "Copy to Disk" function of PatentIn. In PatentIn 2.x it causes a corrupted file
      "bug" and in PatentIn 3.x you may lose your hard returns in the sequence listing. Instead, please use "Windows Explorer"
      or any other manual means to copy file to floppy disk.

AMC – Biotechnology Systems Branch – 06/04/2001

PCT09

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RAW SEQUENCE LISTING                    DATE: 01/22/2003
PATENT APPLICATION:  US/09/857,097B     TIME: 15:06:26

Input Set  : A:\able-20seq.txt
Output Set: N:\CRF4\01222003\I857097B.raw
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 3 <110> APPLICANT: Urbaniak, Stanislaw J.
 4         Barker, Robert, N.
 6 <120> TITLE OF INVENTION: ALLO- AND AUTO-REACTIVE T-CELL EPITOPES
 8 <130> FILE REFERENCE: P097
10 <140> CURRENT APPLICATION NUMBER: 09/857,097B
11 <141> CURRENT FILING DATE: 1999-12-01
13 <150> PRIOR APPLICATION NUMBER: 9826378.3
14 <151> PRIOR FILING DATE: 1998-12-01
16 <160> NUMBER OF SEQ ID NOS: 152
18 <170> SOFTWARE: PatentIn Ver. 2.1
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ERRORED SEQUENCES

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2275 <210> SEQ ID NO: 152
2276 <211> LENGTH: 417
2277 <212> TYPE: PRT                  See item # 10 on Error Summary Sheet,
2278 <213> ORGANISM: Rhce
2280 <220> FEATURE:
2281 <223> OTHER INFORMATION: Residue 151-165
2283 <400> SEQUENCE: 152
2284 Met Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Trp
2285  1               5                  10                  15
2287 Ala Leu Thr Leu Glu Ala Ala Leu Ile Leu Leu Phe Tyr Phe Phe Thr
2288             20                  25                  30
2290 His Tyr Asp Ala Ser Leu Glu Asp Gln Lys Gly Leu Val Ala Ser Tyr
2291         35                  40                  45
2293 Gln Val Gly Gln Asp Leu Thr Val Met Ala Ala Leu Gly Leu Gly Phe
2294      50                  55                  60
2296 Leu Thr Ser Asn Phe Arg Arg His Ser Trp Ser Ser Val Ala Phe Asn
2297 65                  70                  75                  80
2299 Leu Phe Met Leu Ala Leu Gly Val Gln Trp Ala Ile Leu Leu Asp Gly
2300             85                  90                  95
2302 Phe Leu Ser Gln Phe Pro Pro Gly Lys Val Val Ile Thr Leu Phe Ser
2303             100                 105                 110
2305 Ile Arg Leu Ala Thr Met Ser Ala Met Ser Val Leu Ile Ser Ala Gly
2306             115                 120                 125
2308 Ala Val Leu Gly Lys Val Asn Leu Ala Gln Leu Val Val Met Val Leu
2309         130                 135                 140
2311 Val Glu Val Thr Ala Leu Gly Thr Leu Arg Met Val Ile Ser Asn Ile
2312 145                 150                 155                 160
2314 Phe Asn Thr Asp Tyr His Met Asn Leu Arg His Phe Tyr Val Phe Ala
2315             165                 170                 175
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2317 Ala Tyr Phe Gly Leu Thr Val Ala Trp Cys Leu Pro Lys Pro Leu Pro
2318             180                 185             190
2320 Lys Gly Thr Glu Asp Asn Asp Gln Arg Ala Thr Ile Pro Ser Leu Ser
2321         195                 200             205
2323 Ala Met Leu Gly Ala Leu Phe Leu Trp Met Phe Trp Pro Ser Val Asn
2324     210                 215                 220
2326 Ser Ala Leu Leu Arg Ser Pro Ile Gln Arg Lys Asn Ala Met Phe Asn
2327 225                 230                 235                 240
2329 Thr Tyr Tyr Ala Leu Ala Val Ser Val Val Thr Ala Ile Ser Gly Ser
2330             245                 250                 255
2332 Ser Leu Ala His Pro Gln Arg Lys Ile Ser Met Thr Tyr Val His Ser
2333             260                 265                 270
2335 Ala Val Leu Ala Gly Gly Val Ala Val Gly Thr Ser Cys His Leu Ile
2336         275                 280                 285
2338 Pro Ser Pro Trp Leu Ala Met Val Leu Gly Leu Val Ala Gly Leu Ile
2339         290                 295                 300
2341 Ser Ile Gly Gly Ala Lys Cys Leu Pro Val Cys Cys Asn Arg Val Leu
2342 305                 310                 315                 320
2344 Gly Ile His His Ile Ser Val Met His Ser Ile Phe Ser Leu Leu Gly
2345             325                 330                 335
2347 Leu Leu Gly Glu Ile Thr Tyr Ile Val Leu Leu Val Leu His Thr Val
2348             340                 345                 350
2350 Trp Asn Gly Asn Gly Met Ile Gly Phe Gln Val Leu Leu Ser Ile Gly
2351         355                 360           ·             365
2353 Glu Leu Ser Leu Ala Ile Val Ile Ala Leu Thr Ser Gly Leu Leu Thr
2354     370                 375                 380
2356 Gly Leu Leu Leu Asn Leu Lys Ile Trp Lys Ala Pro His Val Ala Lys
2357 385                 390                 395                 400
2359 Tyr Phe Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly
2360             405                 410                 415
2362 Phe
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E--> 2366 1
E--> 2372 2

remove extra material from [̶s̶e̶e̶] end of file.

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/857,097B**

DATE: 01/22/2003
TIME: 15:06:27

Input Set : **A:\able-20seq.txt**
Output Set: **N:\CRF4\01222003\I857097B.raw**

L:2366 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:152
M:332 Repeated in SeqNo=152